

# CVFPB Monthly Update

**November 21, 2014**

Presented by:

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# Today's Discussion

## Where We've Been

- Putting Our Work in Context

## Where We Are

- 2017 CVFPP Roadmap

## Where We're Going

- Looking Ahead at Near- and Long-Term Activities



# Where We've Been

## Putting Our Work in Context



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# Exposure is high. Risk is increasing.

- ❖ Varying levels of flood protection
- ❖ One million people and \$70 billion in assets at risk
- ❖ 50 percent of levees structurally deficient
- ❖ Climate change will put additional stress on the system
- ❖ Key species and riparian habitat in crisis
- ❖ Majority of channels lack adequate conveyance capacity



# CVFPP 2012: A Multi-Benefit Approach for Flood System Management

- Combinations of benefits
- Improves operations & maintenance
- Improves institutional support
- Promotes ecosystem functions

## BALANCED INVESTMENT AND SYSTEM APPROACH

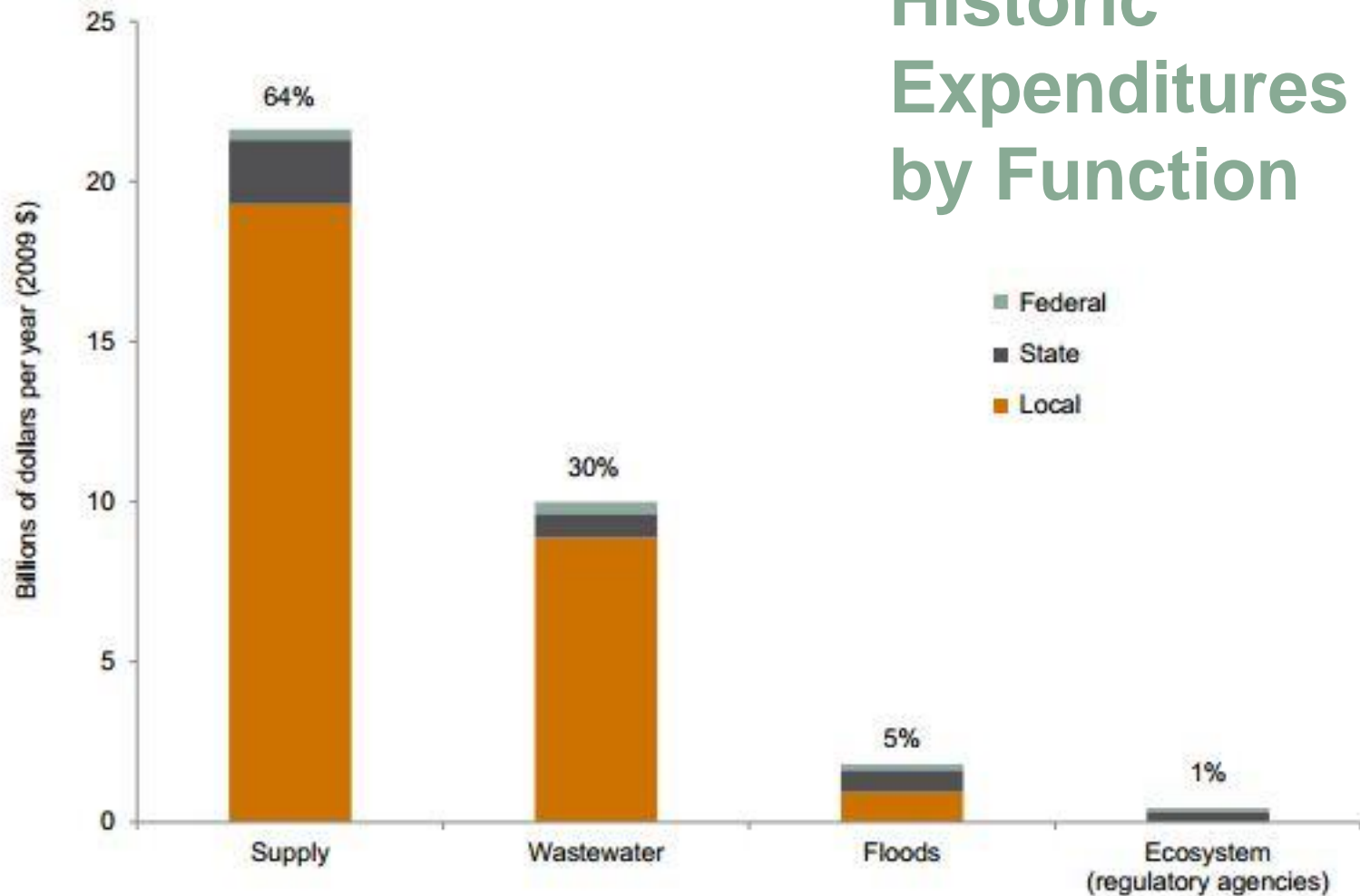
System improvements  
provide **benefits  
for everyone:**  
urban, rural,  
small communities,  
and ecosystem.



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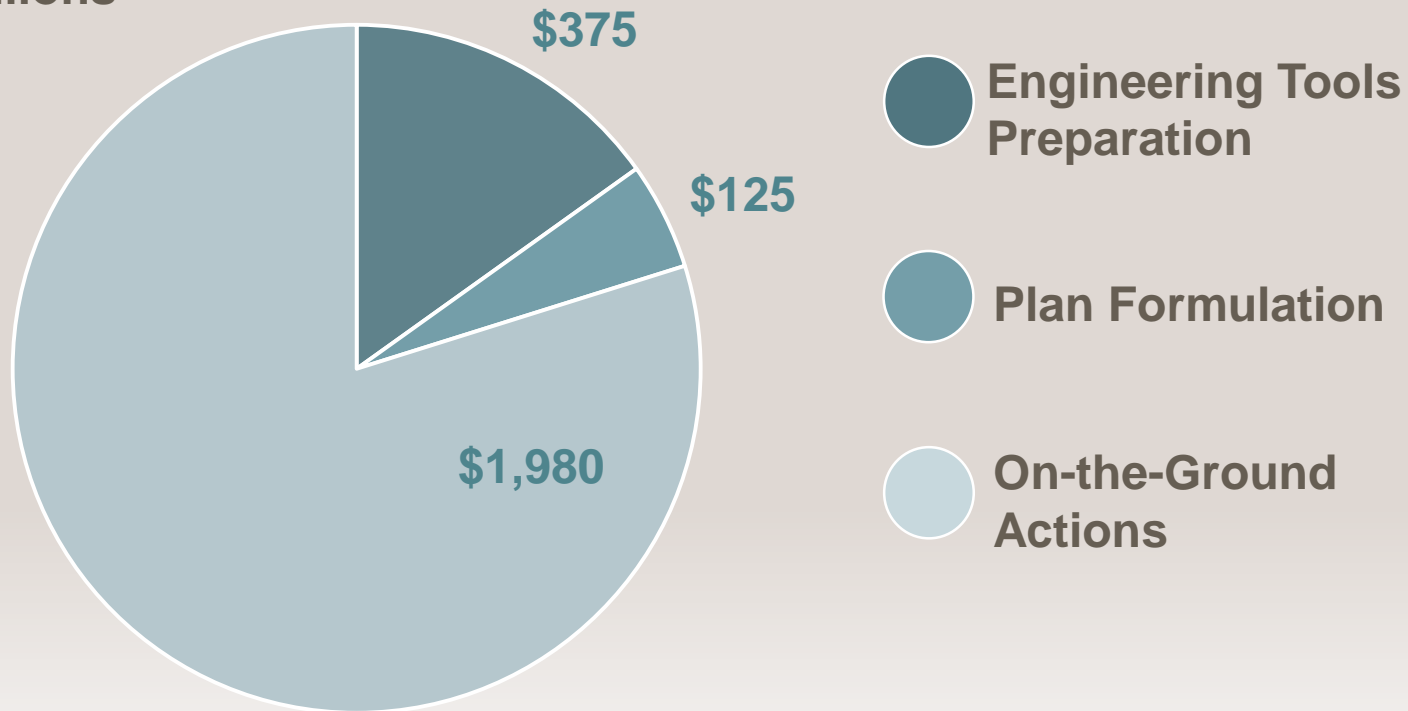
Water sector spending by function, late 2000s



# Investing in Tools, Plans and Actions

## 2007-2013 Bond-Funded Investment\*

\$ in Millions



\*Chart does not account for \$400+ million in General Fund investments

Source: FloodSAFE California Annual Report, released in March 2014



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# Stakeholder Engagement

## Specific Activities:

- BWFS/Conservation Strategy public webinars (*March 2013*)
- BWFS/Conservation Strategy technical workshops (*May and October 2013*)
- Yolo Bypass ecosystem integration working session (*Nov. 2014*)

## Ongoing Engagement Activities:

- Coordinating Committee participation
- Briefings to CVFPB staff
- Meetings with RFMP groups, regulatory agencies, resource agencies, CVFPB members, NGOs and others



# Where We Are

## 2017 CVFPP Update: Roadmap

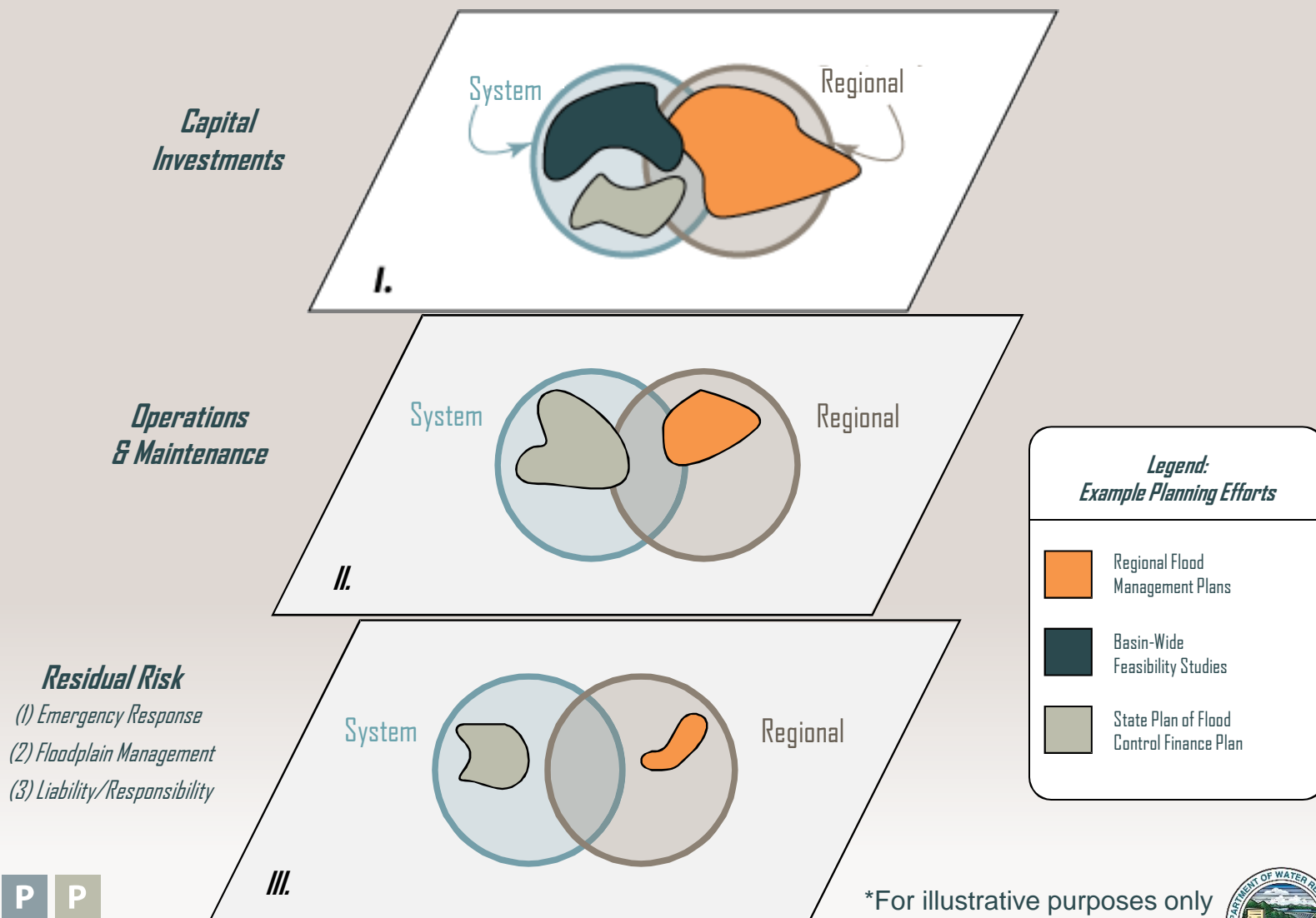


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# Various Flood Risk Reduction Planning Efforts\*

**Objective:** Identify the focus of various planning efforts in order to describe a comprehensive approach to reducing flood risk



\*For illustrative purposes only

# 2017 CVFPP Update

|  |   |
|--|---|
| Chapter<br><b>1</b><br>Context               | Setting Historical Context                          |
| Chapter<br><b>2</b><br>Converging            | Summary of Refinements and Areas of Alignment       |
| Chapter<br><b>3</b><br>System Management     | Strategies to Improve System Management             |
| Chapter<br><b>4</b><br>Implementation Timing | Investment Approach                                 |
| Chapter<br><b>5</b><br>Measuring Value       | Tracking, Reporting of Investment Actions & Results |

# Identifying Alignment

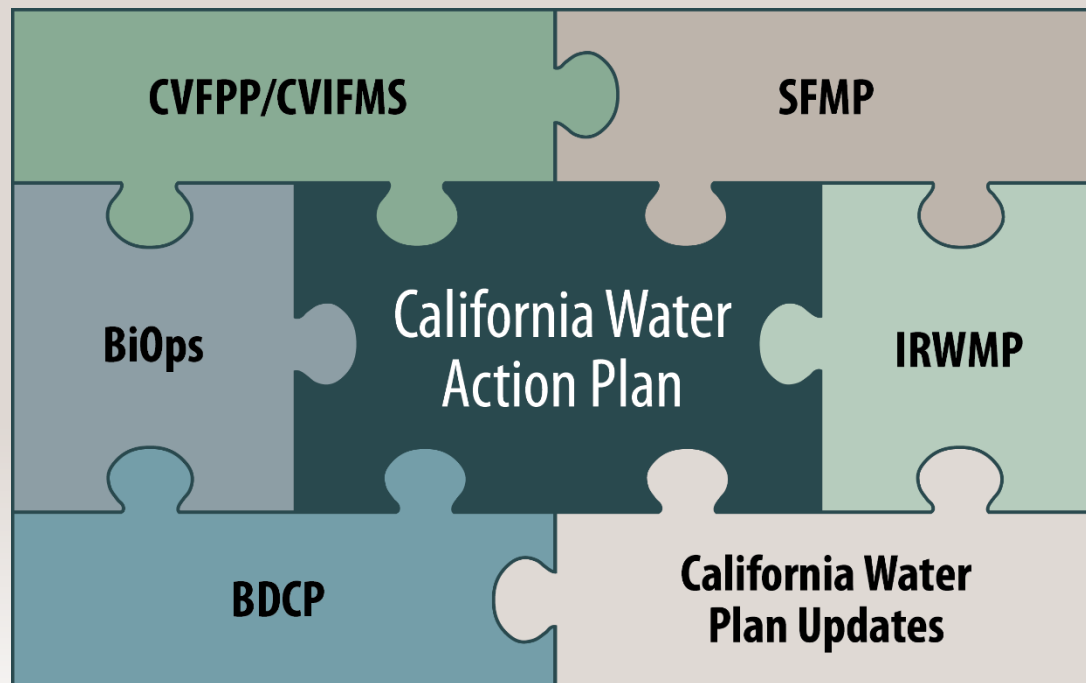


# Planning Integration

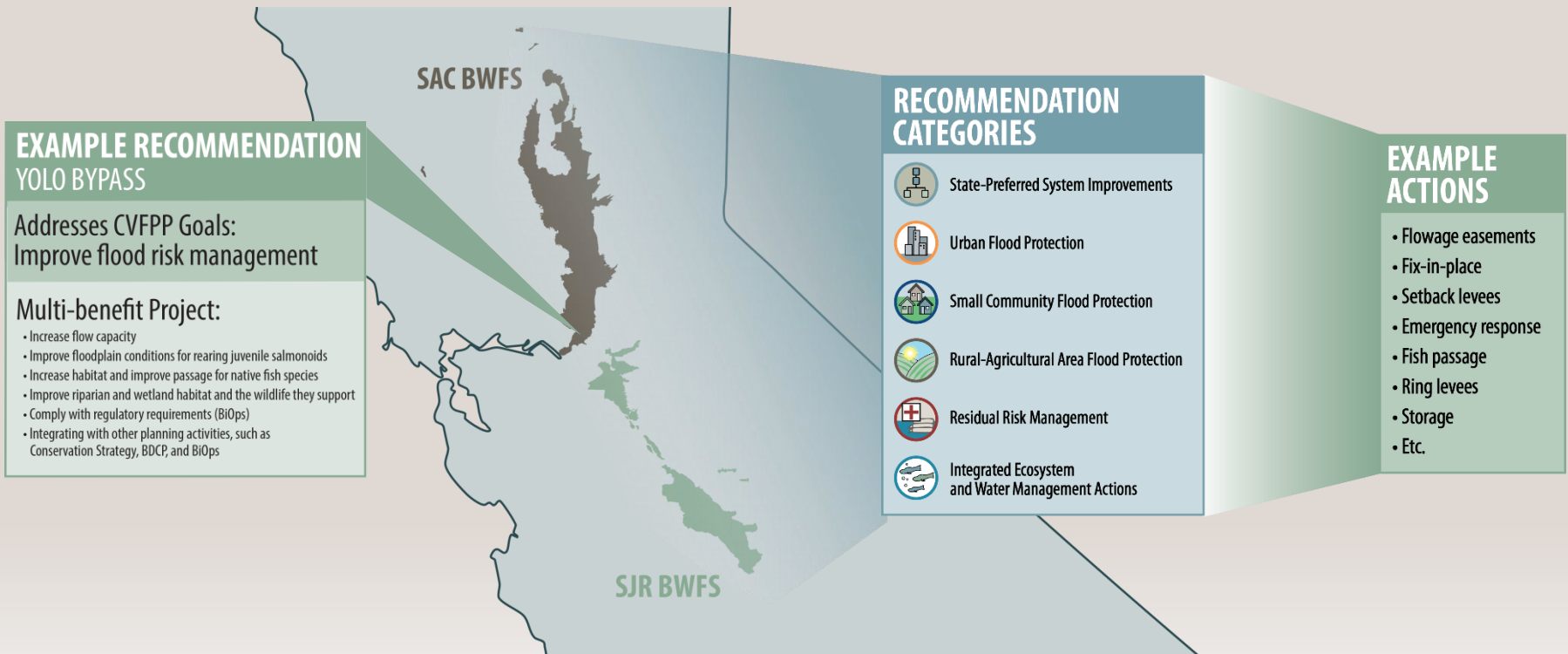
Chapter  
**2**  
Converging

Chapter  
**3**  
System  
Management

## How it all fits together



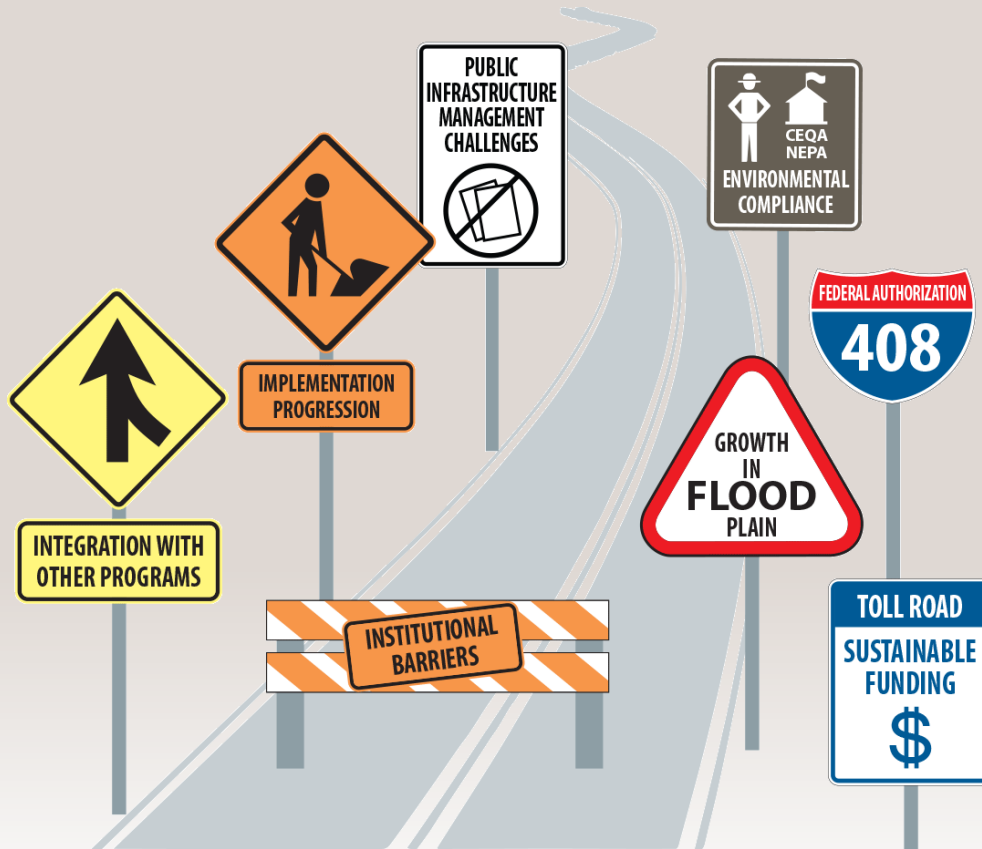
# Recommendations for System Management Investments



# Implementation Opportunities and Challenges

## Chapter 4

### Implementation Timing



- Analyzing Tradeoffs
- Federal Authorization
- Permitting Strategy
- Environmental Compliance
- Sustainable Financing Strategy

# Where We're Going

## Next Steps: Delivering Value

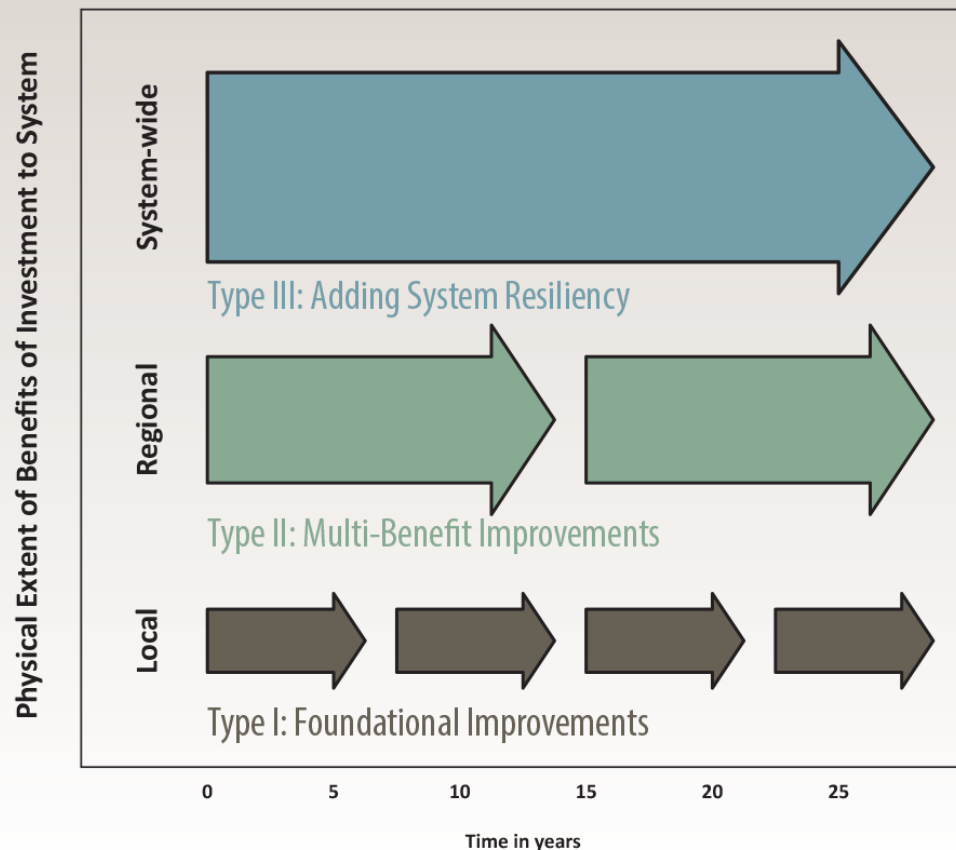


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# Continual Implementation



- Progress on system and regional benefits concurrently
- Track progress with consideration of scale of benefits

# Needed Investments Over Time

## Estimate of Necessary Investment, \$ in Millions

Source: 2012 CVFPP - Table 4-3

| FLOOD<br>MANAGEMENT<br>PROGRAMS | FLOOD<br>EMERGENCY<br>RESPONSE | FLOOD SYSTEM<br>OPERATIONS AND<br>MAINTENANCE | FLOODPLAIN<br>RISK<br>MANAGEMENT | FLOOD SYSTEM<br>ASSESSMENT,<br>ENGINEERING,<br>FEASIBILITY, AND<br>PERMITTING | FLOOD RISK<br>REDUCTION<br>PROJECTS | TOTAL    |
|---------------------------------|--------------------------------|---|----------------------------------|---|-------------------------------------|----------|
| 2007–2011                       | \$64                           | \$180   | \$99                             | \$457   | \$2,102                             | \$2,902  |
| 2012–2017                       | \$140                          | \$110   | \$130                            | \$530   | \$2,860                             | \$3,770  |
| 2018 and<br>Beyond              | \$310                          | \$270   | \$570                            | \$1,310   | \$7,780                             | \$10,240 |
| Total                           | \$510                          | \$560   | \$800                            | \$2,300   | \$12,740                            | \$16,910 |

A

B

C

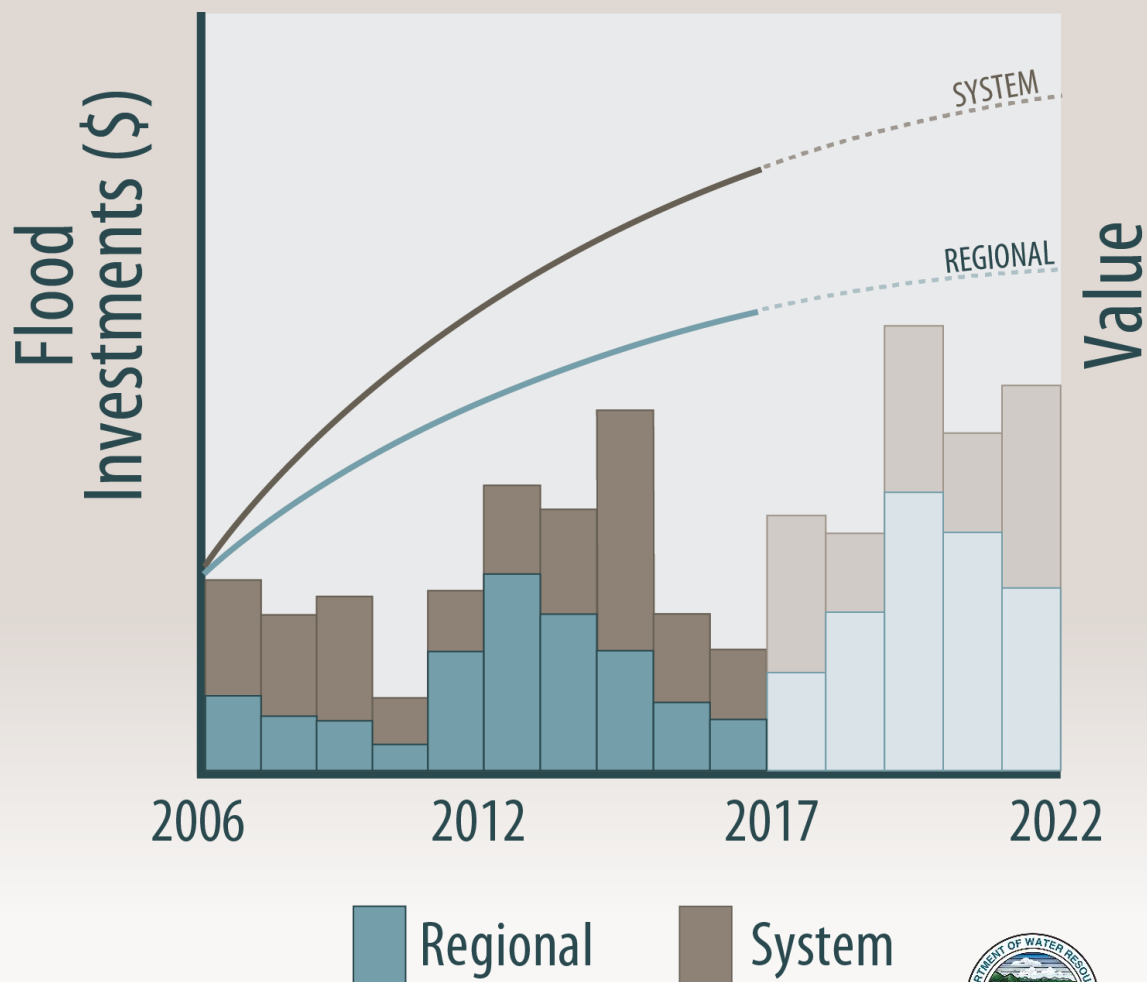
D

E

F

# Commitment to Tracking Investment Results

- Value
- Accountability
- Transparency
- Balance in Investment Strategies
- Flood Risk Reduction

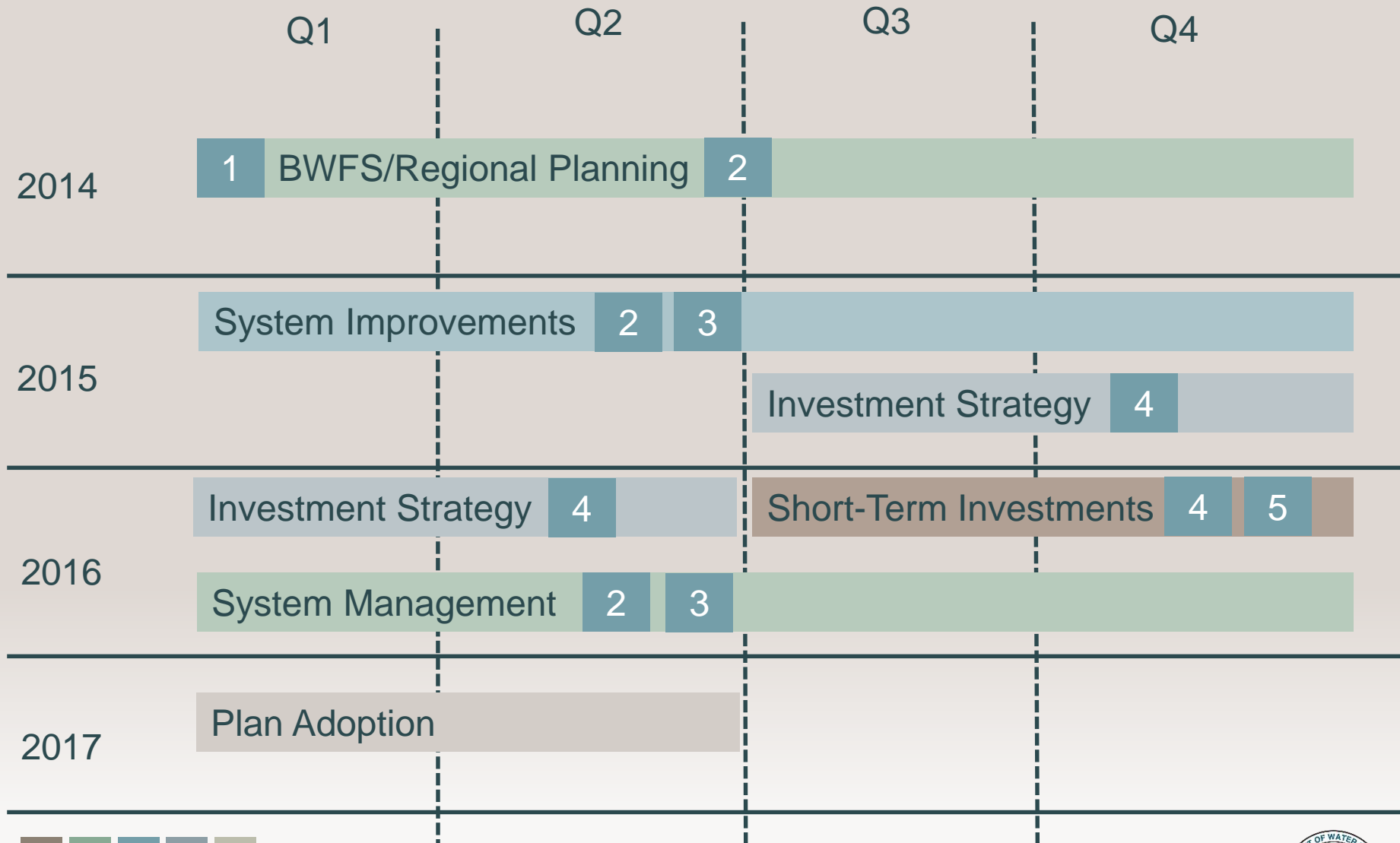


# Upcoming Milestones

- RFMP Phase 2
- Public Draft Conservation Strategy
- BWFS Configurations



# Timeline



C V F P P

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# Proposed Future Updates

Regular CVFPP and Coordinating Committee updates planned:

| Venue                          | Date               | Proposed Topic                               |
|--------------------------------|--------------------|--|
| Coordinating Committee Meeting | December 17, 2014  | BWFS Overview                                |
| CVFPB Meeting                  | December 19, 2014  | BWFS Overview                                |
| Coordinating Committee Meeting | TBD (January 2015) | Summary of DWR's RFMP Phase 1 Content Review |
| CVFPB Meeting                  | TBD (January 2015) | BWFS Preliminary Technical Work              |

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